

In the claims:

Please amend the claims as follows:

Claim 1 (original): A light emitting device comprising:
a first, second, and third transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode; and
a power supply line,
wherein source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof;
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,
wherein the first, second, and third transistors operate in a saturation range, and
wherein the drain region of the first transistor and a gate electrode of the third transistor are connected to each other for a certain period in one frame period.

Claim 2 (original): A light emitting device according to claim 1, wherein the first, second, and third transistors have the same polarity.

Claim 3 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 1, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 4 (original): A light emitting device comprising:

a first, second, and third transistors, each comprising a source region, a drain region, and a gate electrode;

an organic light emitting diode; and

a power supply line,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range,

wherein the drain region of the first transistor and the gate electrode of the third transistor are connected to each other for a certain period in one frame period, and

wherein the amount of drain current of the first transistor is controlled while the drain region of the first transistor and the gate electrode of the third transistor are connected to each other in order to control the luminance of the organic light emitting diode.

Claim 5 (original): A light emitting device according to claim 4, wherein the first, second, and third transistors have the same polarity.

Claim 6 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 4, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 7 (original): A light emitting device comprising:

a first, second, and third transistor, each comprising a source region, a drain region, and a gate electrode;

an organic light emitting diode; and
a power supply line,
wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range,

wherein the drain region of the first transistor and the gate electrode of the third transistor are connected to each other for a certain period in one frame period, and

wherein the amount of drain current of the first transistor is controlled by a video signal while the drain region of the first transistor and the gate electrode of the third transistor are connected to each other in order to control the luminance of the organic light emitting diode.

Claim 8 (original): A light emitting device according to claim 7, wherein the first, second, and third transistors have the same polarity.

Claim 9 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 7, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 10 (original): A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;

a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode, and
wherein the first, second, and third transistors operate in a saturation range.

Claim 11 (original): A light emitting device according to claim 10, wherein the forth transistor and the fifth transistor have the same polarity.

Claim 12 (original): A light emitting device according to claim 10, wherein the first, second, and third transistors have the same polarity.

Claim 13 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 10, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 14 (original): A light emitting device comprising:

a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;

an organic light emitting diode;

a power supply line;

a signal line; and

a scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof;

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range, and

wherein the amount of drain current of the first transistor is controlled in order to control the luminance of the organic light emitting diode.

Claim 15 (original): A light emitting device according to claim 14, wherein the fourth transistor and the fifth transistor have the same polarity.

Claim 16 (original): A light emitting device according to claim 14, wherein the first, second, and third transistors have the same polarity.

Claim 17 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 14, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 18 (original): A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the signal line and the other is connected to a gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,
wherein the first, second, and third transistors operate in a saturation range; and
wherein the amount of drain current of the first transistor is controlled by a video signal in order to control the luminance of the organic light emitting diode.

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Claim 19 (original): A light emitting device according to claim 18, wherein the forth transistor and the fifth transistor have the same polarity.

Claim 20 (original): A light emitting device according to claim 18, wherein the first, second, and third transistors have the same polarity.

Claim 21 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 18, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 22 (original): A light emitting device comprising:
a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line;
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode, and

wherein the first, second, and third transistors operate in a saturation range.

Claim 23 (original): A light emitting device according to claim 22, wherein the forth transistor and the fifth transistor have the same polarity.

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Claim 24 (original): A light emitting device according to claim 22, wherein the first, second, and third transistors have the same polarity.

Claim 25 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 22, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 26 (original): A light emitting device comprising:
a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and agate electrode;

an organic light emitting diode;

a power supply line;

a signal line; and

a scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range, and

wherein the amount of drain current of the first transistor is controlled in order to control the luminance of the organic light emitting diode.

Claim 27 (original): A light emitting device according to claim 26, wherein the forth transistor and the fifth transistor have the same polarity.

Claim 28 (original) A light emitting device according to claim 26, wherein the first, second, and third transistors have the same polarity.

Claim 29 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 26, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 30 (original): A light emitting device comprising:
a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof;

wherein a source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range, and wherein the amount of drain current of the first transistor is controlled by a video signal in order to control the luminance of the organic light emitting diode.

Claim 31 (original): A light emitting device according to claim 30, wherein the fourth transistor and the fifth transistor have the same polarity.

Claim 32 (original): A light emitting device according to claim 30, wherein the first, second, and third transistors have the same polarity.

Claim 33 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 30, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 34 (original): A light emitting device comprising:

a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;

an organic light emitting diode;

a power supply line;

a signal line; and

a scanning line;

wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor;

wherein one of the source or drain regions of the fifth transistor is connected to the gate electrode of the third transistor and the other is connected to the drain region of the first transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode; and

wherein the first, second, and third transistors operate in a saturation range.

Claim 35 (original): A light emitting device according to claim 34, wherein the forth transistor and the fifth transistor have the same polarity.

Claim 36 (original): A light emitting device according to claim 34, wherein the first, second, and third transistors have the same polarity.

Claim 37 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 34, wherein the light emitting device is incorporated into an electronic

equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 38 (original): A light emitting device comprising:

a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;

an organic light emitting diode;

a power supply line;

a signal line; and

a scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the gate electrode of the third transistor and the other of which is connected to the drain region of the first transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to a gate electrode of the second transistor and to the drain region thereof;

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range, and

wherein the amount of drain current of the first transistor is controlled in order to control the luminance of the organic light emitting diode.

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Claim 39 (original): A light emitting device according to claim 38, wherein the forth transistor and the fifth transistor have the same polarity.

Claim 40 (original): A light emitting device according to claim 38, wherein the first, second, and third transistors have the same polarity.

Claim 41 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 38, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 42 (original): A light emitting device comprising:
a first, second, third, fourth, fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor, wherein one of the source or drain regions of the fifth transistor is connected to the gate electrode of the third transistor and the other is connected to the drain region of the first transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range, and wherein the amount of drain current of the first transistor is controlled by a video signal in order to control the luminance of the organic light emitting diode.

Claim 43 (original): A light emitting device according to claim 42, wherein the forth transistor and the fifth transistor have the same polarity.

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Claim 44 (original): A light emitting device according to claim 42, wherein the first, second, and third transistors have the same polarity.

Claim 45 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 42, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 46 (original): A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to a drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof;

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range,

wherein the fourth and fifth transistors are turned ON for a certain period in one frame period and the fourth and fifth transistors are turned OFF for a certain period in the same one frame period, and

wherein the amount of current flowing in the signal line is controlled while the fourth and fifth transistors are turned ON in order to control the luminance of the organic light emitting diode.

Claim 47 (original): A light emitting device according to claim 46, wherein the fourth transistor and the fifth transistor have the same polarity.

Claim 48 (original): A light emitting device according to claim 46, wherein the first, second, and third transistors have the same polarity.

Claim 49 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 46, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 50 (original): A light emitting device comprising:

a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;

an organic light emitting diode;

power supply line;

a signal line; and

a scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range,

wherein the fourth and fifth transistors are turned ON for a certain period in one frame period and the fourth and fifth transistors are turned OFF for a certain period in the same one frame period, and

wherein the amount of current flowing in the signal line is controlled while the fourth and fifth transistors are turned ON in order to control the luminance of the organic light emitting diode.

Claim 51 (original): A light emitting device according to claim 50, wherein the forth transistor and the fifth transistor have the same polarity.

Claim 52 (original): A light emitting device according to claim 50, wherein the first, second, and third transistors have the same polarity.

Claim 53 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 50, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

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Claim 54 (original): A light emitting device comprising:
a first, second, third, fourth, and fifth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line; and
a scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the scanning line,
wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,
wherein one of the source or drain regions of the fifth transistor is connected to the gate electrode of the third transistor and the other is connected to the drain region of the first transistor,
wherein the source regions of the first and second transistors are connected to the power supply line,
wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,
wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the first, second, and third transistors operate in a saturation range,
wherein the fourth and fifth transistors are turned ON for a certain period in one frame period and the fourth and fifth transistors are turned OFF for a certain period in the same one frame period, and
wherein the amount of current flowing in the signal line is controlled while the fourth and fifth transistors are turned ON in order to control the luminance of the organic light emitting diode.

Claim 55 (original): A light emitting device according to claim 54, wherein the forth transistor and the fifth transistor have the same polarity.

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Claim 56 (original): A light emitting device according to claim 54, wherein the first, second, and third transistors have the same polarity.

Claim 57 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 54, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 58 (original): A light emitting device comprising:
a first, second, third, fourth, fifth, and sixth transistors, each comprising a source region, a drain region, and a gate electrode;
an organic light emitting diode;
a power supply line;
a signal line;
a first scanning line; and
a second scanning line,
wherein the gate electrodes of the fourth and fifth transistors are connected to the first scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the signal line and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the gate electrode of the sixth transistor is connected to the second scanning line,

wherein one of the source or drain regions of the sixth transistor is connected to the power supply line and the other is connected to the gate electrode of the first transistor, and

wherein the first, second, and third transistors operate in a saturation range.

Claim 59 (original): A light emitting device according to claim 58, wherein the forth transistor and the fifth transistor have the same polarity.

Claim 60 (original): A light emitting device according to claim 58, wherein the first, second, and third transistors have the same polarity.

Claim 61 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 58, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 62 (original): A light emitting device comprising:

a first, second, third, fourth, fifth, sixth transistor, each comprising a source region, a drain region, and a gate electrode;

an organic light emitting diode;

a power supply line;

a signal line;

a first scanning line; and

a second scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the first scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode,

wherein the gate electrode of the sixth transistor is connected to the second scanning line,

wherein one of source or drain regions of the sixth transistor is connected to the power supply line and the other is connected to the gate electrode of the first transistor,

wherein the first, second, and third transistors operate in a saturation range, and wherein the amount of drain current of the first transistor is controlled in order to control the luminance of the organic light emitting diode.

Claim 63 (original): A light emitting device according to claim 62, wherein the forth transistor and the fifth transistor have the same polarity.

Claim 64 (original): A light emitting device according to claim 62, wherein the first, second, and third transistors have the same polarity.

Claim 65 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 62, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.

Claim 66 (original): A light emitting device comprising:

- a first, second, third, fourth, fifth, and sixth transistors each comprising a source region, a drain region, and a gate electrode;
- an organic light emitting diode;
- a power supply line;
- a signal line;
- a first scanning line; and
- a second scanning line,

wherein the gate electrodes of the fourth and fifth transistors are connected to the first scanning line,

wherein one of the source or drain regions of the fourth transistor is connected to the signal line and the other is connected to the drain region of the first transistor,

wherein one of the source or drain regions of the fifth transistor is connected to the drain region of the first transistor and the other is connected to the gate electrode of the third transistor,

wherein the source regions of the first and second transistors are connected to the power supply line,

wherein the gate electrode of the first transistor is connected to the gate electrode of the second transistor and to the drain region thereof,

wherein the source region of the third transistor is connected to the drain region of the second transistor and the drain region of the third transistor is connected to a pixel electrode of the organic light emitting diode;

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wherein the gate electrode of the sixth transistor is connected to the second scanning line,
wherein one of the source or drain regions of the sixth transistor is connected to the power supply line and the other is connected to the gate electrode of the first transistor,
wherein the first, second, and third transistors operate in a saturation range, and wherein the amount of drain current of the first transistor is controlled by a video signal in order to control the luminance of the organic light emitting diode.

Claim 67 (original): A light emitting device according to claim 66, wherein the forth transistor and the fifth transistor have the same polarity.

Claim 68 (original): A light emitting device according to claim 66, wherein the first, second, and third transistors have the same polarity.

Claim 69 (currently amended): ~~An electronic equipment comprising the~~ A light emitting device according to claim 66, wherein the light emitting device is incorporated into an electronic equipment is selected from the group consisting of an organic light emitting diode display device, a digital still camera, a mobile computer, a portable image reproduction apparatus, a goggle type display, a video camera, and a portable telephone.
